



point

Accessory | Humidifier
aquapoint

Serial number

HOFFRICHTER GmbH delivers all its systems and devices with a serial number in order to ensure traceability. The serial number is indicated on the type label on the bottom of the device.

Please always specify the serial number in inquiries and complaints.

Conformity

 The device complies with the requirements of the
Guideline 93/42/EEC.

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01. Legend of Symbols

Type label information:



Observe safety-related guidelines



Applied part type BF



Electric safety class II (with protective insulation)



CE Declaration of Conformity



Do not dispose of the device with normal domestic waste. For information on the proper disposal, please contact your responsible customer service.



Caution! Hot!



Observe the Operating Instructions



Manufacturer

Before using your *aquapoint* humidifier for the first time, please thoroughly read these Operating Instructions. Keep these Operating Instructions in a safe place for immediate consultation, if necessary.

For the period stipulated by law, **HOFFRICHTER** GmbH warrants that the product is free from any defects provided it is used as intended.

HOFFRICHTER GmbH is not liable for any damage and consequential damage nor for any effects on the safety, reliability and performance of the device, if:

- manipulations, modifications, expansions, adjustments, repairs and maintenance measures are carried out by persons not authorized by us to do so
- use is made of accessories and spare parts which come from other manufacturers and have not been released by us for use with the *aquapoint*
- the device is used in a way that is different from that described in the Operating Instructions
- the hygiene and cleaning instructions contained in these Operating Instructions fail to be observed

02. Safety Instruction

In order to prevent potential hazards, please follow the instructions below:

1. Use the device only and exclusively in combination with the respiratory therapy device point. Please follow all instructions for the user relating to either device.
2. Only use accessories recommended and offered by the manufacturer or by your local dealer.
3. Do not put the device into operation if it is damaged or fails to function properly. If that is the case, please immediately notify your local dealer.
4. Set up the device on a firm, flat and heat-resistant base, and avoid any unfavorable inclined position.
Do not transport or tilt the respiratory therapy device when the humidifier is fitted and filled. This might result in water entering into and damaging the therapy device.
5. While the humidifier is fitted and filled, do not expose the respiratory therapy device to direct sunlight nor set it up in the vicinity of radiators or the like.

The *aqua*point is intended for humidifying the therapy air flow which is supplied to the patient.

The *aqua*point may only be used in combination with point devices prescribed for treating an obstructive sleep apnea syndrome (OSAS) in patients with a weight of 30 kg and higher.

The water in the *aqua*point must not contain any additives, such as drugs, salts, aromatic oils, or other substances.

Technical Description of *aquapoint*

The *aquapoint* is a plug-in warm-air humidifier for the respiratory therapy device point.

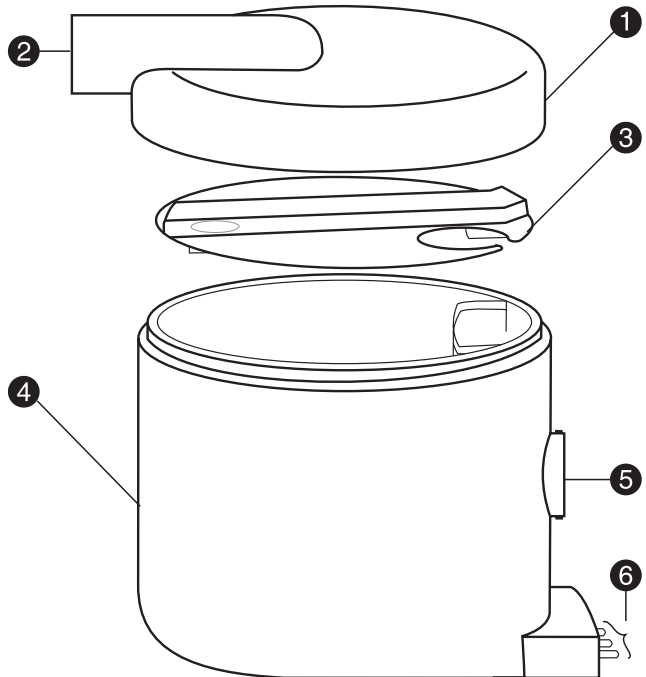
It is intended to humidify the therapy air flow, in order to prevent the mucous membranes of the upper respiratory tract from becoming dry.

The heater output can be adjusted in stages from 0 to 5, as required by the patient's individual demands.

The *aquapoint* is provided with an integrated memory ensuring that the previously set heater stage will be preserved after the therapy device has been turned off or the humidifier has been disconnected from the therapy device.

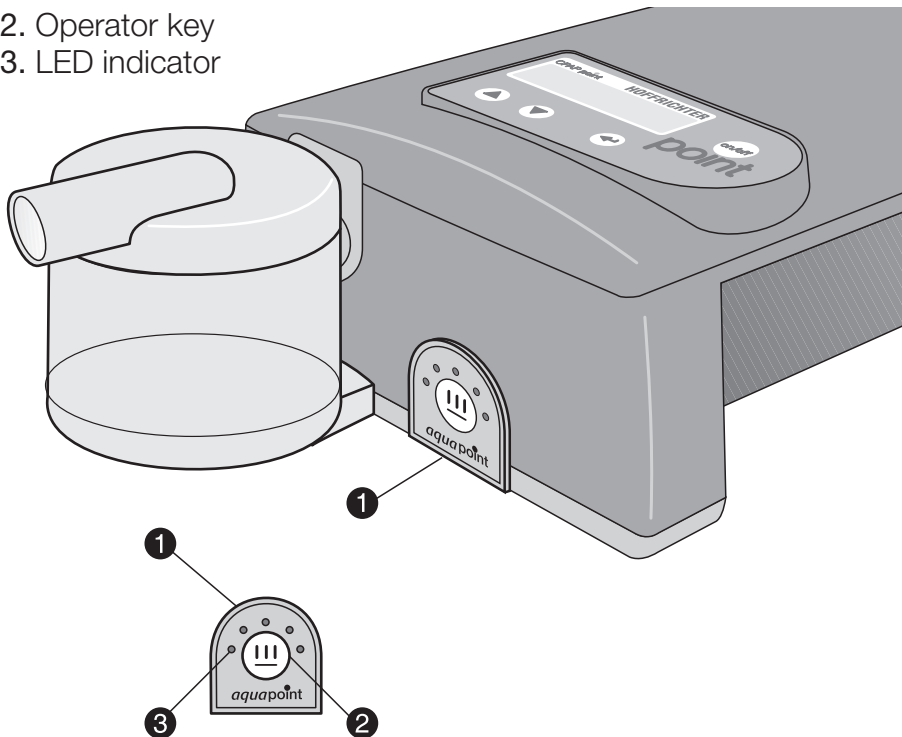
Humidifier

1. Closing cap
2. Air outlet (connection for therapy tubing)
3. Air guide
4. Water container with heater plate
5. Air inlet
6. Contact pins

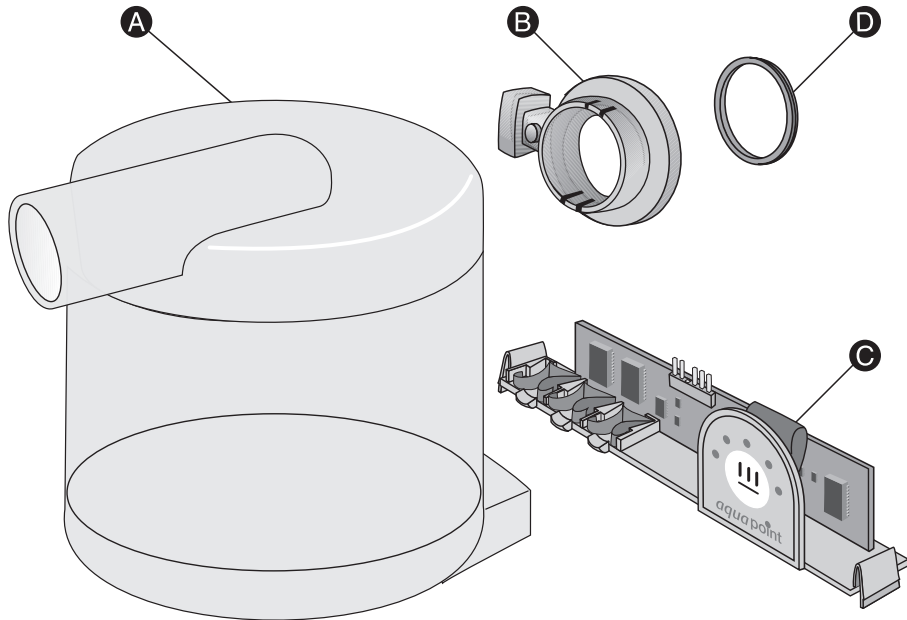


Control element

1. Control
2. Operator key
3. LED indicator



- A Humidifier
- B Locking mechanism
- C Control electronics
- D Sealing ring

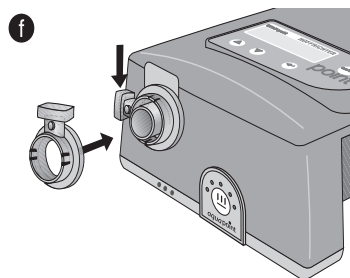
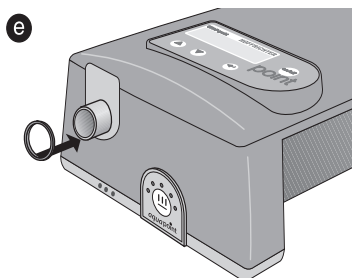
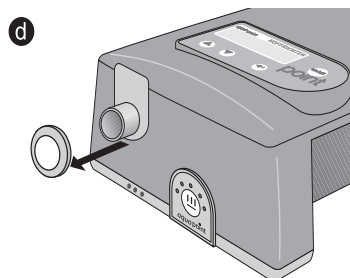
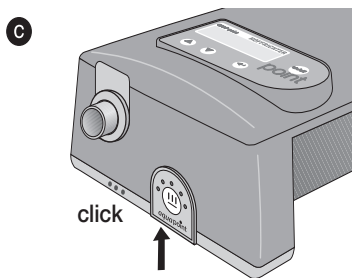
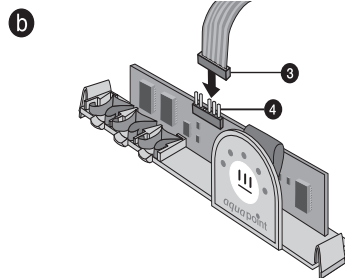
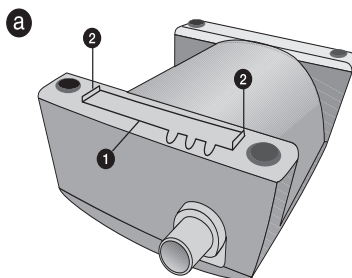


Assembly of Accessories

Before the *aquapoint* can be put into operation, the respiratory therapy device point must be modified (only once). To do this, please carefully follow the modification steps described below.

- a. Remove the blank plate from the bottom side of the **point** **1** by pressing the tabs **2** towards the middle and lifting the blank plate with a small screwdriver.
- b. Connect the flat push-on connector **3** (behind the blank plate) to the control electronics **4**, ensuring proper coding of the connector.
- c. Insert the unit in the therapy device until you hear it clicking into place.
- d. Pull off the plastic ring from the device.
- e. Push the sealing ring entirely onto the air outlet. To do this, turn the plastic ring around.
- f. Attach the locking mechanism to the air outlet by pushing the locking mechanism (with its grip pointing up) onto the air outlet and then turning it anti-clockwise 90° towards the device under slight pressure (exerted by the sealing ring).

Keep the plastic ring and the blank plate for possible re-installation to the point.



08. Operating *aquapoint*

Before being used for the first time, the *aquapoint* should be thoroughly rinsed with water.

Do this as described on page 16 (section Cleaning).

While being filled, the *aquapoint* must be disconnected from the respiratory therapy device.

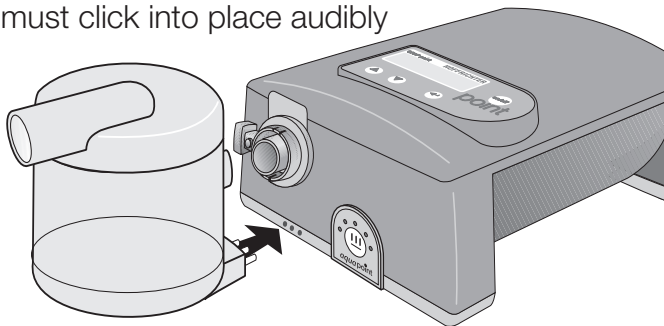
Open the humidifier by turning the closing cap in anti-clockwise direction and removing it from the water container (see illustration on page 16). Remove the air guide.

Only fill the *aquapoint* with cold distilled water or cold sour water that has been boiled. The water in the humidifier must not contain any additives.

Fill in the water only up to the specified maximum filling level. Refit the air guide. Close the water container by placing the closing cap onto the water container and turning it in clockwise direction until it stops.

Once it is filled, the humidifier must not be turned sideways or turned around any longer. When connecting the humidifier to your respiratory therapy device, please observe the following instructions:

- Apply the contact pins and the air inlet of the humidifier to the therapy device without twisting or tilting
- The unlocking lever must click into place audibly



The heater output of the *aquapoint* can be selected in 6 stages from 0 ... 5. Whenever you press the ☺ key, the heater output is increased by one stage until it reaches stage 5; it will then restart at stage 0. The set heater stage is indicated by an LED. The water is heated only while the blower is running.

CAUTION!

Avoid putting the blower into operation while the humidifier is filled and the therapy tubing is not connected since, otherwise, water drops will be entrained in the air flow. For that reason, only put the humidifier into operation when the therapy tubing is fitted properly.

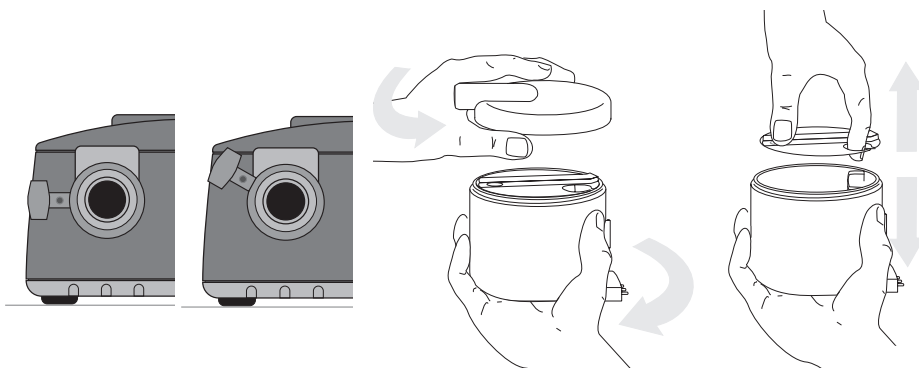
09. Cleaning

Please carefully follow the hygiene and cleaning instructions in order to preserve your health and to avoid disturbances and failures.

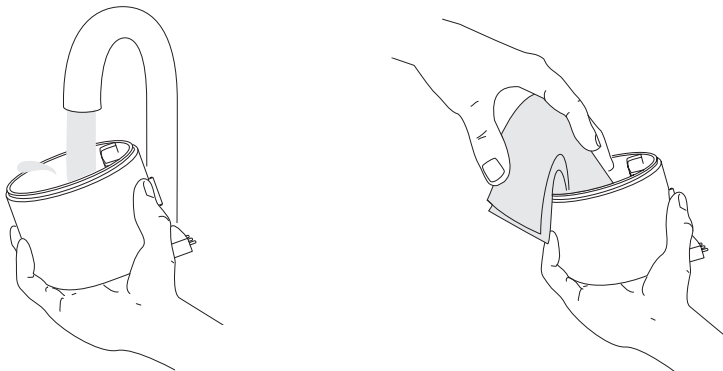
Any further maintenance of the *aquapoint* is not necessary.

Regularly clean the humidifier each day to prevent deposition of residual lime which can be removed only difficultly.

After having turned the unlocking mechanism, disconnect the *aquapoint* from the respiratory therapy device and take it to a sink. Open the humidifier by turning the closing cap in anti-clockwise direction and removing it from the water container. Remove the air guide (see illustration).



Empty the water container and rinse it under running water. Remove any residual lime by wiping the water container out with a soft cloth.



Important!

Do not use any sharp-edged or pointed objects for cleaning the humidifier.

To remove obstinate lime deposits, if any, we recommend that you use a common household scale remover or a weak vinegar solution. Fill the scale remover or the vinegar solution into the water container and let it stand for a while. Subsequently, thoroughly and carefully rinse the container under running water.

Clean the closing cap including air outlet and air guide by simply rinsing it under running clear water. Do this every day after having used the humidifier.

It is not necessary to disinfect the humidifier chemically or thermally.

Disposal of the humidifier

For information on the proper disposal of the device, please contact your responsible customer service.

Disposal of the packaging

You can return the packaging to your marketing partner or dispose it separately with your normal domestic waste.

11. Troubleshooting

Problem	Remedy
Water in the therapy tubing	The heater output is set too high; select a lower heater stage
No or inadequate humidifying result	Set a higher heater stage
No indication of the set heater stage	Check whether the contact pins are fully inserted in the respiratory therapy device and whether the locking lever is in its horizontal position. The therapy device must be on
Water flows out of the air outlet	Check whether the maximum permissible filling level in the water container has been exceeded

Dimensions (W x D x H)	100 x 115 x 105 mm
Weight without water	approx. 300 g
Operating voltage	24 V / DC
Electric power	0 ... 20 W
Max. filling volume	approx. 260 ml
Max. water temperature	43° C
Product class according to MDD	IIa
Classification (according to EN 60601-1) . .	Safety class II, device type BF
Operating temperature	+ 5 °C ... + 40 °C
Storage temperature	– 20 °C ... + 50 °C
Air humidity	10 % ... 90 % rel. air humidity
Application (altitude above MSL) – 400 m ... 3500 m (1060 hPa ... 700 hPa)	

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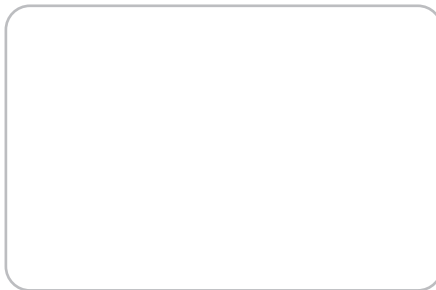
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Dealer's stamp